

Jun Dou

List of Publications by Year in descending order

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72
papers

1,930
citations

257450

24
h-index

276875

41
g-index

72
all docs

72
docs citations

72
times ranked

2836
citing authors

#	ARTICLE	IF	CITATIONS
1	MiR-7, Inhibited Indirectly by LincRNA HOTAIR, Directly Inhibits SETDB1 and Reverses the EMT of Breast Cancer Stem Cells by Downregulating the STAT3 Pathway. <i>Stem Cells</i> , 2014, 32, 2858-2868.	3.2	310
2	Isolation and identification of cancer stem-like cells from murine melanoma cell lines. <i>Cellular and Molecular Immunology</i> , 2007, 4, 467-72.	10.5	106
3	MicroRNA-200c overexpression inhibits tumorigenicity and metastasis of CD117+CD44+ ovarian cancer stem cells by regulating epithelial-mesenchymal transition. <i>Journal of Ovarian Research</i> , 2013, 6, 50.	3.0	80
4	Emerging strategies for the identification and targeting of cancer stem cells. <i>Tumor Biology</i> , 2010, 31, 243-253.	1.8	71
5	Evaluation of characteristics of CD44+CD117+ ovarian cancer stem cells in three dimensional basement membrane extract scaffold versus two dimensional monocultures. <i>BMC Cell Biology</i> , 2013, 14, 7.	3.0	63
6	Decreasing lncRNA HOTAIR expression inhibits human colorectal cancer stem cells. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 98-108.	0.0	63
7	Observation of ovarian cancer stem cell behavior and investigation of potential mechanisms of drug resistance in three-dimensional cell culture. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 214-222.	2.2	52
8	Using ABCG2-molecule-expressing side population cells to identify cancer stem-like cells in a human ovarian cell line. <i>Cell Biology International</i> , 2011, 35, 227-234.	3.0	48
9	Nanoparticle-based adjuvant for enhanced protective efficacy of DNA vaccine Ag85A-ESAT-6-IL-21 against <i>Mycobacterium tuberculosis</i> infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 1337-1344.	3.3	48
10	Anti-ABCG2 monoclonal antibody in combination with paclitaxel nanoparticles against cancer stem-like cell activity in multiple myeloma. <i>Nanomedicine</i> , 2014, 9, 45-60.	3.3	46
11	LRRC31 inhibits DNA repair and sensitizes breast cancer brain metastasis to radiation therapy. <i>Nature Cell Biology</i> , 2020, 22, 1276-1285.	10.3	39
12	Effect of Down-Regulated Transcriptional Repressor ZEB1 on the Epithelial-Mesenchymal Transition of Ovarian Cancer Cells. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 1357-1366.	2.5	38
13	Downregulated lincRNA HOTAIR expression in ovarian cancer stem cells decreases its tumorigenesis and metastasis by inhibiting epithelial-mesenchymal transition. <i>Cancer Cell International</i> , 2015, 15, 24.	4.1	36
14	Augmenting Therapy of Ovarian Cancer Efficacy by Secreting IL-21 Human Umbilical Cord Blood Stem Cells in Nude Mice. <i>Cell Transplantation</i> , 2011, 20, 669-680.	2.5	35
15	Identifying tumor stem-like cells in mouse melanoma cell lines by analyzing the characteristics of side population cells. <i>Cell Biology International</i> , 2009, 33, 807-815.	3.0	33
16	Enhancing therapy of B16F10 melanoma efficacy through tumor vaccine expressing GPI-anchored IL-21 and secreting GM-CSF in mouse model. <i>Vaccine</i> , 2010, 28, 2846-2852.	3.8	33
17	Gene therapy of ovarian cancer using IL-21-secreting human umbilical cord mesenchymal stem cells in nude mice. <i>Journal of Ovarian Research</i> , 2014, 7, 8.	3.0	33
18	Antitumor efficacy induced by human ovarian cancer cells secreting IL-21 alone or combination with GM-CSF cytokines in nude mice model. <i>Immunobiology</i> , 2009, 214, 483-492.	1.9	32

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19	Downregulation of gene MDR1 by shRNA to reverse multidrug-resistance of ovarian cancer A2780 cells. <i>Journal of Cancer Research and Therapeutics</i> , 2012, 8, 226.	0.9	30
20	miR-7 Reduces Breast Cancer Stem Cell Metastasis via Inhibiting RELA to Decrease ESAM Expression. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 70-82.	4.4	30
21	Effect of downregulation of ZEB1 on vimentin expression, tumour migration and tumourigenicity of melanoma B16F10 cells and CSCs. <i>Cell Biology International</i> , 2014, 38, 452-461.	3.0	29
22	Inhibition of breast cancer growth via miR-7 suppressing ALDH1A3 activity concomitant with decreasing breast cancer stem cell subpopulation. <i>Journal of Cellular Physiology</i> , 2020, 235, 1405-1416.	4.1	26
23	MUC1 plays an essential role in tumor immunity of colorectal cancer stem cell vaccine. <i>International Immunopharmacology</i> , 2020, 85, 106631.	3.8	26
24	MiR-7 reduces the BCSC subset by inhibiting XIST to modulate the miR-92b/Slug/ESA axis and inhibit tumor growth. <i>Breast Cancer Research</i> , 2020, 22, 26.	5.0	26
25	Human umbilical blood mononuclear cell-derived mesenchymal stem cells serve as interleukin-21 gene delivery vehicles for epithelial ovarian cancer therapy in nude mice. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 397-404.	3.1	25
26	Antitumor efficacy of viable tumor vaccine modified by heterogenous ESAT-6 antigen and cytokine IL-21 in melanomatous mouse. <i>Immunologic Research</i> , 2012, 52, 240-249.	2.9	25
27	Cellular Response to Gene Expression Profiles of Different Hepatitis C Virus Core Proteins in the Huh-7 Cell Line with Microarray Analysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 1230-1235.	0.9	23
28	Effect of targeted ovarian cancer immunotherapy using ovarian cancer stem cell vaccine. <i>Journal of Ovarian Research</i> , 2015, 8, 68.	3.0	23
29	Comparison of Immune Responses Induced in Mice by Vaccination with DNA Vaccine Constructs Expressing Mycobacterial Antigen 85A and Interleukin-21 and Bacillus Galmette-Guérin. <i>Immunological Investigations</i> , 2008, 37, 113-127.	2.0	22
30	IL-21-secreting hUCMSCs combined with miR-200c inhibit tumor growth and metastasis via repression of Wnt/β-catenin signaling and epithelial-mesenchymal transition in epithelial ovarian cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 2037-2050.	2.0	22
31	Role of transmembrane glycoprotein mucin 1 (MUC1) in various types of colorectal cancer and therapies: Current research status and updates. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1318-1325.	5.6	21
32	MiRNA-34a overexpression inhibits multiple myeloma cancer stem cell growth in mice by suppressing TGIF2. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5433-5443.	0.0	21
33	Study of immunotherapy of murine myeloma by an IL-21-based tumor vaccine in BALB/C mice. <i>Cancer Biology and Therapy</i> , 2007, 6, 1871-1879.	3.4	19
34	Investigation on the anti-tumor efficacy by expression of GPI-anchored mIL-21 on the surface of B16F10 cells in C57BL/6 mice. <i>Immunobiology</i> , 2010, 215, 89-100.	1.9	18
35	Regulation gene expression of miR200c and ZEB1 positively enhances effect of tumor vaccine B16F10/GPI-IL-21 on inhibition of melanoma growth and metastasis. <i>Journal of Translational Medicine</i> , 2014, 12, 68.	4.4	18
36	Decrease of ZEB1 expression inhibits the B16F10 cancer stem-like properties. <i>BioScience Trends</i> , 2015, 9, 325-334.	3.4	18

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37	Colorectal cancer stem cell vaccine with high expression of MUC1 serves as a novel prophylactic vaccine for colorectal cancer. <i>International Immunopharmacology</i> , 2020, 88, 106850.	3.8	18
38	Target therapy of multiple myeloma by PTX-NPs and ABCG2 antibody in a mouse xenograft model. <i>Oncotarget</i> , 2015, 6, 27714-27724.	1.8	18
39	Characterization of the cellular immune response in hepatitis C virus infection. <i>Medicinal Research Reviews</i> , 2009, 29, 843-866.	10.5	17
40	Ovarian Cancer Stem Cells with High ROR1 Expression Serve as a New Prophylactic Vaccine for Ovarian Cancer. <i>Journal of Immunology Research</i> , 2019, 2019, 1-16.	2.2	17
41	Paclitaxel-Fe ₃ O ₄ nanoparticles inhibit growth of CD138 CD34 tumor stem-like cells in multiple myeloma-bearing mice. <i>International Journal of Nanomedicine</i> , 2013, 8, 1439.	6.7	16
42	PEGylated long-circulating liposomes deliver homoharringtonine to suppress multiple myeloma cancer stem cells. <i>Experimental Biology and Medicine</i> , 2017, 242, 996-1004.	2.4	16
43	Effective tumor immunity to melanoma mediated by B16F10 cancer stem cell vaccine. <i>International Immunopharmacology</i> , 2017, 52, 238-244.	3.8	15
44	Combining TGF- β 1 knockdown and miR200c administration to optimize antitumor efficacy of B16F10/GPI-IL-21 vaccine. <i>Oncotarget</i> , 2015, 6, 12493-12504.	1.8	15
45	Effect of hepatitis C virus core shadow protein expressed in human hepatoma cell line on human gene expression profiles. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2006, 21, 1794-1800.	2.8	14
46	Advances and perspectives of colorectal cancer stem cell vaccine. <i>Biomedicine and Pharmacotherapy</i> , 2015, 76, 107-120.	5.6	14
47	The Therapeutic Potential of miR-7 in Cancers. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1707-1716.	2.4	14
48	Downregulation of β -catenin decreases the tumorigenicity, but promotes epithelial-mesenchymal transition in breast cancer cells. <i>Journal of Cancer Research and Therapeutics</i> , 2014, 10, 1063.	0.9	13
49	Reinforcing B16F10/GPI-IL-21 vaccine efficacy against melanoma by injecting mice with shZEB1 plasmid or miR200c agomir. <i>Biomedicine and Pharmacotherapy</i> , 2016, 80, 136-144.	5.6	12
50	Inhibitory effect of epirubicin-loaded lipid microbubbles with conjugated anti-ABCG2 antibody combined with therapeutic ultrasound on multiple myeloma cancer stem cells. <i>Journal of Drug Targeting</i> , 2016, 24, 34-46.	4.4	12
51	Induction of multiple myeloma cancer stem cell apoptosis using conjugated anti-ABCG2 antibody with epirubicin-loaded microbubbles. <i>Stem Cell Research and Therapy</i> , 2018, 9, 144.	5.5	12
52	The effects of macroporosity and stiffness of poly[(methyl vinyl ether)-alt-(maleic acid)] cross-linked egg white simulations of an aged extracellular matrix on the proliferation of ovarian cancer cells. <i>RSC Advances</i> , 2016, 6, 43892-43900.	3.6	11
53	Enhancing the anti-multiple myeloma efficiency in a cancer stem cell xenograft model by conjugating the ABCG2 antibody with microbubbles for a targeted delivery of ultrasound mediated epirubicin. <i>Biochemical Pharmacology</i> , 2017, 132, 18-28.	4.4	10
54	Hepatitis C virus core impacts expression of miR122 and miR204 involved in carcinogenic progression via regulation of TGFBRAP1 and HOTTIP expression. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 1173-1182.	2.0	10

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55	Preliminary analysis of gene expression profiles in HepG2 cell line induced by different genotype core proteins of HCV. Cellular and Molecular Immunology, 2006, 3, 227-33.	10.5	10
56	The surface dominant antigen MUC1 is required for colorectal cancer stem cell vaccine to exert anti-tumor efficacy. Biomedicine and Pharmacotherapy, 2020, 132, 110804.	5.6	9
57	Iron Oxide Nanoparticles Combined with Cytosine Arabinoside Show Anti-Leukemia Stem Cell Effects on Acute Myeloid Leukemia by Regulating Reactive Oxygen Species. International Journal of Nanomedicine, 2021, Volume 16, 1231-1244.	6.7	8
58	Preliminary study on mouse interleukin-21 application in tumor gene therapy. Cellular and Molecular Immunology, 2004, 1, 461-6.	10.5	8
59	Novel constructs of tuberculosis gene vaccine and its immune effect on mice. Cellular and Molecular Immunology, 2005, 2, 57-62.	10.5	7
60	Targeted therapeutic effect of anti-ABCG2 antibody combined with nano silver and vincristine on mouse myeloma cancer stem cells. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	6
61	Decreasing New York esophageal squamous cell carcinoma 1 expression inhibits multiple myeloma growth and osteolytic lesions. Journal of Cellular Physiology, 2020, 235, 2183-2194.	4.1	6
62	Cancer stem cell vaccine expressing ESAT-6-gpi and IL-21 inhibits melanoma growth and metastases. American Journal of Translational Research (discontinued), 2015, 7, 1870-82.	0.0	6
63	Homoharringtonine delivered by high proportion PEG of long- circulating liposomes inhibits RPMI8226 multiple myeloma cells in vitro and in vivo. American Journal of Translational Research (discontinued), 2016, 8, 1355-68.	0.0	6
64	<p>Decreasing Microtubule Actin Cross-Linking Factor 1 Inhibits Melanoma Metastasis by Decreasing Epithelial to Mesenchymal Transition</p>. Cancer Management and Research, 2020, Volume 12, 663-673.	1.9	4
65	Cancer stem cells are the origins of tumor growth and recurrences. Chinese Science Bulletin, 2017, 62, 1806-1814.	0.7	4
66	Inhibition effect of Chinese herbal medicine on transcription of hepatitis C virus structural gene <i>in vitro</i>. World Journal of Gastroenterology, 2005, 11, 3619.	3.3	4
67	Knockdown of ALDH1A3 reduces breast cancer stem cell marker CD44 via the miRâ€7â€TGFB2â€Smad3â€CD44 regulatory axis. Experimental and Therapeutic Medicine, 2021, 22, 1093.	1.8	3
68	Elevated IL-35 level and iT35 subset increase the bacterial burden and lung lesions in <i>Mycobacterium tuberculosis</i>-infected mice. Open Life Sciences, 2022, 17, 312-320.	1.4	3
69	Fe3O4 nanoparticle loaded paclitaxel induce multiple myeloma apoptosis by cell cycle arrest and increase cleavage of caspases in vitro. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	2
70	Advances in the Analysis of Hepatitis C Virus Specific T Cell Responses. Mini-Reviews in Medicinal Chemistry, 2011, 11, 106-113.	2.4	1
71	MicroRNA-7 agomir is a potential bioactive material for breast cancer therapy by inhibiting breast cancer stem cell tumorigenicity. Materials Express, 2021, 11, 824-831.	0.5	1
72	Anti-ABCG2 Monoclonal Antibody in Combination with Paclitaxel-Nanoparticles Against Cancer Stem-Like Cell Activity in Multiple Myeloma. Blood, 2012, 120, 5044-5044.	1.4	0